



**Coastal**  
The Energy People

0014

ACT/007/005  
Folder #2

DATE: 2-27-92

## FACSIMILE TRANSMISSION COVER SHEET

TO: Priscilla BurtonLOCATION: DOGM - SLCFROM: Keith ZobelLOCATION: Utah Fuel Co

NUMBER OF PAGES, INCLUDING THIS PAGE:

5CONTENTS: Approval order for new open coal storage  
area - still working on new insurance formKZ

COMMENTS:

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If you have trouble with this transmission, please contact Glenna at 801-637-7925, Ext. 2018.

**Utah Fuel Company**

A SUBSIDIARY OF THE COASTAL CORPORATION  
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01/31/92 10:03 FAX 536 4099

D. A. Q.

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Norval H. Bangerter  
Governor  
Kenneth L. Alkana  
Executive Director  
F. Burnell Cardoza  
Director

# State of Utah

DEPARTMENT OF ENVIRONMENTAL QUALITY  
DIVISION OF AIR QUALITY

1800 West North Temple  
Salt Lake City, Utah  
(801) 536-4000  
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Reply to: State of Utah  
Division of Air Quality  
Department of Environmental Quality  
Salt Lake City, Utah 84114-4820

DAQ-088-92

January 27, 1992

Keith Welch  
Coastal States Energy Company  
175 East 400 South #3, Suite 800  
Salt Lake City, Utah 84111

Re: Approval Order for Modification of Skyline Coal Handling Facility  
Carbon County CDS B ATT

Dear Mr. Welch:

The above-referenced project has been evaluated and found to be consistent with the requirements of the Utah Air Conservation Rules (UACR) and the Utah Air Conservation Act. A 30-day public comment period was held and all comments received were evaluated. The conditions of this Approval Order (AO) reflect any changes to the proposed conditions which resulted from the evaluation of the comments received. This air quality AO authorizes the project with the following conditions and failure to comply with any of the conditions may constitute a violation of this order:

1. Utah Fuel Company, with offices located at Coastal States Energy Company, 175 East 400 South #3, Suite 800, Salt Lake City, Utah and with facilities located at Eccles Canyon in Carbon County (SE 1/4 of SE 1/4, Section 17, Township 13S, R7E), shall modify and operate the coal storage facility according to the information submitted in the Notice of Intent dated May 28, 1991, and additional information submitted to the Executive Secretary dated August 14, 1991.

A copy of this AO shall be posted on site and shall be available to the employees who operate the air emission producing equipment. All employees who operate the air emission producing equipment shall receive instruction as to their responsibilities in operating the equipment in compliance with all of the relevant conditions.

2. The approved installation shall consist of the following equipment:
  - A. Front-end loader
  - B. Scraper
  - C. Haul truck
3. Visible emissions from any point or fugitive emission source associated with the installation or control facilities shall not exceed 20% opacity. Opacity observations of emissions from stationary sources shall be conducted in accordance with 40 CFR

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60, Appendix A, Method 9. Visible emissions from mobile sources and intermittent sources shall use procedures similar to Method 9, but the requirement for observations to be made at 15 second intervals over a six minute period shall not apply. Any time interval with no visible emissions shall not be included.

Visible emissions from haul road traffic shall not exceed 20% opacity. Visible emissions determinations for traffic sources shall use procedures similar to Method 9, but the requirement for observations to be made at 15 second intervals over a six minute period shall not apply. Six points, distributed along the length of the haul road, shall be chosen by the Executive Secretary or his representative. An opacity reading shall be made at each point when a vehicle passes the selected points. Opacity readings shall be made 1/2 vehicle length or greater behind the vehicle. The accumulated six readings shall be averaged for the compliance value.

4. The following production/size limits shall not be exceeded without prior approval in accordance with R446-1-3.1, UAC:

- A. 60,000 tons maximum storage capacity
- B. 240,000 tons storage pile throughput per 12-month period

Compliance with the annual limitations shall be determined on a rolling 12-month total. Based on the first day of each month a new 12-month total shall be calculated using the previous 12 months. Records of production shall be kept for all periods when the plant is in operation. Records of production shall be made available to the Executive Secretary or his representative upon request, and shall include a period of two years ending with the date of the request. Production shall be determined by plant operating records. The records shall be kept on a daily basis.

5. All unpaved operational areas which are used by mobile equipment shall be water sprayed and/or chemically treated to reduce fugitive dust. Control is required at all times (24 hours per day every day) for the duration of the project/operation. The application rate of water shall be a minimum of 0.25 gallons per square yard. Application shall be made at least once every two hours during all times the installation is in use unless daily rainfall exceeds 0.10 inches or the road is in a muddy condition or if it is covered with snow or if the ambient temperature falls below freezing or if the surface is in a moist/damp condition. Chemical treatment may include emulsified asphalt, lignin sulfonate, magnesium chloride or equivalent sealant approved by the Executive Secretary. Records of water or chemical treatment shall be kept for all periods when the plant is in operation. The records shall include the following items:

- A. Date
- B. Number of treatments made, dilution ratio, and quantity
- C. Rainfall received, if any, and approximate amount
- D. Time of day treatments were made

Records of treatment shall be made available to the Executive Secretary upon request and shall include a period of two years ending with the date of the request.

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The haul road length shall not exceed 0.8 miles without prior approval in accordance with R446-1-3.1, UAC. The speed of vehicles on the haul road shall not exceed 25 miles per hour without prior approval in accordance with R446-1-3.1, UAC.

6. The moisture content of the coal shall be maintained at a value of no less than 4.0% by weight. The moisture content shall be tested if directed by the Executive Secretary using the appropriate ASTM method.
7. The storage piles shall be watered to minimize generation of fugitive dusts as dry conditions warrant or as determined necessary by the Executive Secretary.
8. The silt content of the stored coal shall not exceed 5.1% by weight without prior approval in accordance with R446-1-3.1, UAC. The silt content shall be determined if directed by the Executive Secretary using the appropriate ASTM method. The silt content is defined as all material passing a #200 U. S. Standard Sieve.
9. All installations and facilities authorized by this AO shall be adequately and properly maintained. The owner/operator shall comply with R446-1-3.5 and 4.7, UAC. R446-1-3.5, UAC addresses emission inventory reporting requirements. R446-1-4.7, UAC addresses unavoidable breakdown reporting requirements. The owner/operator shall calculate/estimate the excess emissions whenever a breakdown occurs. The sum total of excess emissions shall be reported to the Executive Secretary for each calendar year no later than January 31 of the following year.
10. The Executive Secretary shall be notified in writing upon start-up of the installation, as an initial compliance inspection is required. Eighteen months from the date of this AO the Executive Secretary shall be notified in writing of the status of construction/installation if construction/installation is not completed. At that time the Executive Secretary shall require documentation of the continuous construction/installation of the operation and may revoke the AO in accordance with R446-1-3.1.5, UAC.

Any future modifications to the equipment approved by this order must also be approved in accordance with R446-1-3.1.1, UAC.

This AO in no way releases the owner or operator from any liability for compliance with all other applicable federal, state, and local regulations including the Utah Air Conservation Rules.

Annual emissions increase for this source (the new modification) are currently calculated at the following values:

- A. 4.43 tons/yr for Particulate
- B. 2.20 tons/yr for PM<sub>10</sub>
- C. 0.03 tons/yr for SO<sub>2</sub>
- D. 0.28 tons/yr for NO<sub>x</sub>
- E. 0.09 tons/yr for CO
- F. 0.04 tons/yr for VOC

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These calculations are for the purposes of determining the applicability of PSD and non-attainment area major source requirements of the UACR. They are not to be used for purposes of determining compliance.

Sincerely,

*F. Burnell Cordner*  
F. Burnell Cordner, Executive Secretary  
Utah Air Quality Board

FBC:LNR:cl

cc: Southwest Utah District Health Department